


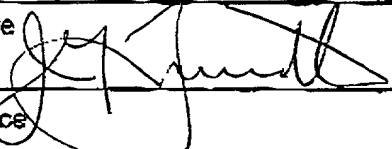
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REISSUE APPLICATION DECLARATION BY THE ASSIGNEE		Docket Number (Optional)
<p>I hereby declare that: My residence, post office address and citizenship are stated below next to my name. I am authorized to act on behalf of the assignee: <u>Her Majesty, in Right of Canada as Represented by the Minister of Communications</u> and the title of my position with said assignee: <u>President, Communications Research Centre</u> The entire title to the patent identified below is vested in said assignee</p>		
Name of Patentee(s): <u>Kenneth O. Hill, et al.</u>		
Patent Number <u>5,367,588</u>	Date Patent Issued <u>November 22, 1994</u>	
Title of Invention <u>METHOD OF FABRICATING BRAGG GRATINGS USING A SILICA GLASS PHASE GRATING MASK AND MASK USED BY SAME</u>		
<p>I believe said patentee(s) to be the original, first and sole or joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled _____ <u>See Attachment 1</u></p>		
<p>the specification of which</p> <p><input checked="" type="checkbox"/> is attached hereto.</p> <p><input type="checkbox"/> was filed on _____ as reissue application number _____ / _____ and was amended on _____ (If applicable)</p>		
<p>I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.</p> <p>I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.</p> <p>I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)</p> <p><input checked="" type="checkbox"/> by reason of a defective specification or drawing.</p> <p><input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent.</p> <p><input type="checkbox"/> by reason of other errors.</p> <p>At least one error upon which reissue is based is described as follows: <u>See Attachment 2</u></p>		

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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(REISSUE APPLICATION DECLARATION BY THE ASSIGNEE, page 2)		Docket Number (Optional)	
<p>All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.</p> <p>I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.</p>			
Name(s)		Registration Number	
Melvin Kraus		22,466	
William I. Solomon		28,565	
Gregory E. Montone		28,141	
Correspondence Address: Direct all communications about the application to:			
<input checked="" type="checkbox"/> Customer Number		<div style="border: 1px solid black; padding: 5px; display: inline-block;">   <b>020457</b>  <small>PATENT TRADEMARK OFFICE</small> </div>	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">020457</div> Type Customer Number here		→	
OR			
<input checked="" type="checkbox"/> Firm or Individual Name		ANTONELLI, TERRY, STOUT & KRAUS, LLP	
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Country			
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<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.</p>			
Full name of person signing (given name, family name)			
Gerry Turcotte			
Signature		Date	
		29 Jun 99	
Residence		Citizenship	
		Canadian	
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## Addendum

### Attachment 1

#### METHOD OF FABRICATING BRAGG GRATINGS USING A SILICA GLASS PHASE GRATING MASK AND MASK USED BY SAME

### Attachment 2

The original patent failed to recite the relationship of the original patent with the parent applications of U.S. Patent Nos. 5,216,739 and 5,104,209 and failed to claim benefit thereof under 35 U.S.C. 120; and claim 15 of the original patent did not have proper antecedent basis for "the striations" so that claim 15 has been amended to depend from claim 11 rather than claim 8.

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below:

(application Serial No.)	(Filing Date)	(status)
656,462	February 19, 1991	patented (5,104,209)
811,299	December 20, 1991	patented (5,216,739)

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June 29, 1999

Assistant Commissioner for Patents  
Washington, DC 20231

Re: 312.104331R00

Sir:

Attached please find the reissue application papers of  
Kenneth O. Hill, et al covering improvements in METHOD OF  
FABRICATING BRAGG GRATINGS USING A SILICA GLASS PHASE GRATING  
MASK AND MASK USED BY SAME, comprising:

Specification - Reissue of U.S. Patent No. 5,367,588,  
issued November 22, 1994, Forty-one (41) Claims and  
Abstract of the Disclosure (14 pages)

Reissue Declaration (3 pages)

Four (4) Sheets of Drawings showing Figs. 1-1b and 2-6

U.S. Government Filing Fee \$1,372.00

Reissue Application by the Assignee, Offer to  
Surrender Patent (1 page)

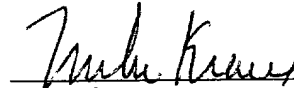
Statement Under 37 CFR 3.73(b) (1 page)

It is respectfully requested that a title report be  
prepared and that such title report be placed in the file of this  
reissue application.

Assistant Commissioner for Patents  
June 29, 1999  
Re: 312.104331R00  
Page 2

Please charge any shortages in the fees or credit any overpayment thereof to the Deposit Account of Antonelli, Terry, Stout & Kraus, LLP, Account No. 01-2135 (312.104331R00).

Respectfully submitted,



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